

18-12-2019.

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Proceedings of The 5th Academic Council meeting of the College held on 18th December, 2019 at 10:30 am in the College Conference Hall with Dr. S. Ranjit Singh, Principal in the chair to discuss and transact the following agenda:

1. Approval of the resolutions adopted in the last meeting of the Academic Council held on 29.5-2018.

2. Matters relating to Additional Exam.

3. Introduction of Choice Based Credit System (CBCS) ..

4. Misc., if any, with the permission of the chair.

Members present: The following members were present in the meeting:

Name.	Signature	Mob. No.
1. L. Mani Singh		9402880647
2. Mr. Aruna Pri Saini		8415925314
3. H. Kamela Singh		7085566256
4. (Dr) T. Yunniao Babu Singh		9436025126
5. P. K. Babu Singh		9612686977
6. N. Subi Singh		7862722379
7. P. Rudrababu Singh		9438233140
8. Ch. Robin Singh		9436845236
9. A. Ananda Singh		9436020654
10. Sanat Babu Singh		8731079679
11. A. Beni Dori		

12.	P. Mangi D.	B.Ed.	Mr	708593602
13.	Ksh. Satyabala D.	Physic's	8m	8974718499
14.	S. Jibantata D.	Manipuri	P	9862675230
15.	Mr. Jumbi Ali	Education	Q	7005098095
16.	R.D. Joykumar	English	R.D. Joy	9436204822
17.	Dr. M. Kalgumi	Leat Chem.	Atkand	7005461481
18.	M. Subodh D.	Anthropology	Sub D.	8787449035
19.	K.R. Debendran	Math	Schur	9612905231
20.	M.R. Ashraf Ali	Economics	Dr.	
21.	S. Samayam D.	Zoology	Dr	

The meeting began with an opening note by Shri Kh. Debendra Meetei, Member Secretary, Academic Council, of the College. He dwelt upon various aspects of the agenda items minutely and took up each item for detailed discussion. After an exhaustive deliberation on different items of the agenda, the following resolutions were unanimously adopted.

1. Resolved to approve the resolutions of the 4th Academic Council Meeting of the College held on 29th May, 2018 with an appeal to concerned authorities to open P.G. classes and grant more research guideships.
2. Resolved to delete/repeal the provision for Additional Examinations provided in Clause 11, Sec. 2 (iii) of Ordinance 2 of the College w.e.f. 2019-20 Session

3. Resolved to introduce Choice Based Credit System (CBCS) in the College with effect from 2020-21 Session and the complete CBCS curriculum be referred to the Boards of Studies of the Department I and a Drafting Committee to be

placed before the next Academic Council.

4. Resolved to pursue the Government to send requisite staff/faculty for the Departments of Geography, Mathematics, Manipuri and History to implement the CBCS successfully.
5. Resolved to approve the changes in examination in examination remuneration/honorarium of the College Examinations and the same be referred to the Finance Committee of the College with effect from 2020-21 session.
6. Resolved to approve the development and maintenance of a 'Botanical Garden' by the Department of Botany of the College, in the interests of the students, subject to availability of funds by the Department.
7. Resolved to allow the Department of Botany to take up 'Tissue Culture' programme in their departmental laboratory, in the interest of the students.
8. Resolved that the Chairman of the Academic Council be entrusted to place the resolutions adopted above to the Governing Body of the College for approval.

Shaji →

Proceedings of the 6th Academic Council meeting of the College held on 6th February, 2021 at 10:30 am in the College Conference Hall with Dr. S. Ranjit Singh, Principal in the chair to discuss and transact the following agenda:

1. Choice Based Credit System (CBCS) Hons syllabi of 13 subjects for 1st yr submitted by the 13 departments. BOS for approval by the Academic Council.

2. Institutional Research Policy for approval by the Academic Council.

3. Academic Calendar for 2020-21 (odd-semester) for approval by the Academic Council.

4. Students mentoring Programme of the College for approval of the Academic Council.

5. To introduce "Field Study Programme" as a part of teaching-learning process for all departments excluding the existing ones that already have the programme.

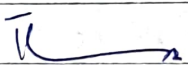
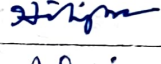
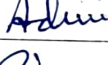
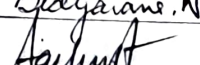
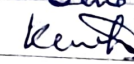
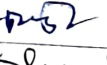
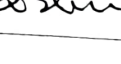
6. Formation of "Departmental Academic Resource Committee" in each Dept. consisting of the retired and existing faculties of the Dept.

7. Development of "Laisembi Garden" and formation of "Women's Hostel Garden"

8. Institution of a "Corpus Fund" of the college.

9. Internal Academic Report for approval by the Academic Council.

Members present: The following members were present in the meeting:

Name.	Signature	Mob. number
1 Khuraijam Temba Singh		9612160886
2 R. N. Baburaoa Sir		9612686971
3 Ch. Yashwantham		9436025438
4 N. Gobbi Singh		9862722379
5 A. Bomcha Singh		9085566256
6 Kh. Senena Devi		948415925319
7 D. Rudrababu Sir		9436233140
8 Ch. Samarendra		8013865553
9 M. Subbarani Sir		9436204822
10 S. Samayasingh Sir		9612905231
11 S. Jibankata Sir		8974718499
12 Bidyavani Ningthoujam		801489107
13 Paulidananda Angom		8131896979
14 H. Keshab Sir		8575091405
15 A. Ibene Devi		9383217002
16 Kh. Keinabanki Sir		9862104547
17 Md. Yusuf Ali		7005840039
18 A. Mani Sir		9402880647
19 Kh. Debudrametia		7005461481
20.		

The meeting began with an opening note by Shri Kh. Debendra Meetei, Member Secretary, Academic Council of the College. He elaborated upon different aspects of the Agenda items minutely and took up each item for detailed discussion. After thorough discussion on different items of the agenda, the following resolutions were unanimously adopted.

1. Resolved to approve the resolutions adopted in the 5th Academic Council Meeting held on 18th December, 2019.
2. Resolved to approve the Choice Based Credit System (CBCS) Honours Syllabi of 13 (thirteen) Subjects for First year submitted by the Boards of Studies of 13 (thirteen) Departments and CBCS Steering cum Drafting Committee of the College.
3. Resolved to approve the Institutional Research Policy of the College to be effected from March 2020.
4. Resolved to approve the 2020-21 Academic Calendar (Odd Semester) of the College.
5. Resolved to approve the Students Mentoring Programme of the College to be introduced from 2020-21 Session.
6. Resolved to introduce 'Field Study Programme' as a part of the teaching-learning process for all Departments excluding the existing ones that already have such programme.

7. Resolved to institute a 'Departmental Academic Resource Committee' in each Department of the College consisting of the retired and incumbent faculties of the College/Departments and to reflect their regular meetings in the College Academic Calendar.
8. Resolved to approve the Report of Internal Academic Audit submitted by the College Internal Academic Audit Team.
9. Resolved to give ex-post-facto approval for online examinations taken during Covid-19 pandemic and for the future courses of action to be taken up as per government guidelines.
10. Resolved to develop a 'Lairambi Garden' and a 'Women's Hostel Garden' within the College Campus.
11. Resolved to institute a 'Corpus Fund' of the College.
12. Resolved that the Chairman of the Academic Council be entrusted to place the resolutions adopted above to the Governing Body of the College for approval.


 Principal
 Merial College, Imphal
 Government of Manipal

Proceedings of the 7th Academic Council of the college held on 30th May, 2022, at 10:30 am in the college Conference Hall with Dr. S. Ranjit Singh, Principal in the chair to discuss and transact the following agenda:

1. Ratification of the previous Meeting's resolutions and Action Taken Report.
2. Choice Based Credit System (CBCS) Honours Syllabus of 13 Subjects for 2nd and 3rd Year submitted by the 13 Departments' Board of Studies for approval by the Academic Council.
3. Resolutions of Academic Planning and Development Committee regarding introduction of 4 Year UG Programme for Arts and Science in the college from the next academic session 2022-23 as part of the implementation of NEP 2020, seeking approval of the Academic Council.
4. Miscellaneous if any, with the permission of the chair.

Members present :-

Name	Signature	Mob. Nos.
1. Dr. L. Shantikumar Desai		9774800420
3. Padmaja Sanjibam		8131921748
4. H. Rehakata Dinc		8575091415
5. Dr. G. Ranika Desai		9774465629
6. S. Sonayam D.		9612905231

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|---------------------------|---------|------------|
| 7. M. Subdani Amr. | Mubdani | 9436204822 |
| 8. L. Ibani Amr. | 26m? | 9383217002 |
| 9. Mr. Ashraf Ali | Ashraf | 8787449035 |
| 10. Md. Junaid Ali | | 7005840039 |
| 11. A.K. Jernison | jr | 9612272745 |
| 12. Samir Pabancha | Sam | 8731017649 |
| 13. H. Pabancha Singh | H Singh | 7085566256 |
| 14. S. Nabachand | Sh | 9862276653 |
| 15. M. Lakshmi Singh | | 9612155725 |
| 16. J. Mani Singh | Crj | 9402880647 |
| 17. Ksh. Satyabala Devi | Sh | 7085936082 |
| 18. Dr. Jyoti Mehta, MEd | | 9436033967 |
| 19. J. Indrabala Singh | | 9436273140 |
| 20. Sachidananda Angom | | 8131896979 |
| 21. T. Lumsden Babu Singh | | 9436025126 |

The meeting began with an opening note by Smt Ksh. Satyabala Devi, Member Secretary, Academic Council of the college. She elaborated upon different aspects of the agenda items minutely and took up each item for detailed discussion. After threadbare discussion on different items of the agenda, the following resolutions were unanimously adopted.

1. Resolved to confirm the resolutions adopted in the 6th Academic Council meeting held on 6th February, 2021.

2. Resolved to approve the Choice Based Credit System (CBCS) Honours curriculum and syllabi of 13

- subjects for 2nd & 3rd year submitted by the Board of Studies of 13 Departments and CBCS Steering cum Drafting Committee of the college.

8. Resolved to approve the resolutions of Academic Planning and Development Committee to introduce 4-year UG Programme for Arts and Science in the college from the academic session 2022-2023 based on the curriculum framework of UGC and Manipal University in compliance with the spirit and vision of NEP 2020. Further resolved to ask the BOSs of the College to place their curriculum and syllabus of 4-year UG Programme under NEP 2020 in the next Academic Council meeting.

In view of implementation of this one year added Degree Programme, it is further resolved that the college authority should arrange to increase the existing faculty strength and academic infrastructure.

4. Resolved to approve the 2021-22 Academic Calendar (Odd & Even Semester) of the college.

5. Resolved to approve the Report of Academic and Administrative Audit (Internal) for 2020-21 conducted during April 16-19, 2022 submitted by the college Internal Academic Audit Team.

6. Resolved to approve the Students' Support Schemes of the IQAC and the Examination Cell of the College for providing merit prizes to toppers of B.A and B.Sc Programmes and Honours subjects respectively.

Semester-wise course and credit details

Semester	Course offered	Course Name	Distribution of Credits
1		Honours Core Papers	
	ANT-HC 1016	Introduction to Biological Anthropology (Theory & Practical)	4+2=6
	ANT-HC 1026	Introduction to Socio-Cultural Anthropology (Theory & Practical)	4+2=6
		Generic (Interdisciplinary) Electives#	
	ANT-HG1016	Fundamentals of Biological Anthropology (Theory & Practical)	4+2=6
		Ability Enhancement Compulsory Course-1	
	GEN / MAN -AE 1014	General English / MIL (Manipuri)	4
2		Honours Core Papers	
	ANT-HC 2016	Archaeological Anthropology (Theory & Practical)	4+2=6
	ANT-HC 2026	Fundamentals of Human Origin and Evolution (Theory & Practical)	4+2=6
		Generic (Interdisciplinary) Electives#	
	ANT-HG2016	Fundamentals of Socio-Cultural Anthropology (Theory & Practical)	4+2=6
		Ability Enhancement Compulsory Course-2	
	EVS-AE 2014	Environmental Science	4
3		Honours Core Papers	
	ANT-HC 3016	Tribes and Peasants in India (Theory & Practical)	4+2=6
	ANT-HC 3026	Human Ecology: Biological and Cultural Dimensions (Theory & Practical)	4+2=6
	ANT-HC 3036	Biological Diversity in Human Population (Theory & Practical)	4+2=6
		Generic (Interdisciplinary) Electives#	
	ANT-HG3016	Fundamentals of Archaeological Anthropology (Theory & Practical)	4+2=6
		Ability (Skill) Enhancement Course	
	(Choose any one) ANT-SE 3014 ANT-SE 3024	Museum Method Public Health and Epidemiology	4
4		Honours Core Papers	
	ANT-HC 4016	Theories of Culture and Society (Theory & Practical)	4+2=6
	ANT-HC 4026	Human Growth and Development (Theory & Practical)	4+2=6
	ANT-HC 4036	Research Methods (Theory & Practical)	4+2=6

		Generic (Interdisciplinary) Electives#	
	(Choose any one) ANT-HG4016 ANT-HG4026 ANT-HG4036	Anthropology in Practice (Theory & Practical) Introduction to Human Genetics (-do-) Research Methods (-do-)	4+2=6
		Ability (Skill) Enhancement Course	
	(Choose any one) ANT-SE 4014 ANT-SE 4024	Tourism Anthropology Business and Corporate Anthropology	4
5		Honours Core Papers	
	ANT-HC 5016	Human Population Genetics (Theory & Practical)	4+2=6
	ANT-HC 5026	Anthropology in Practice (Theory & Practical)	4+2=6
		Discipline Specific Elective Course	
	ANT-HE 5016	Indian Archaeology (Theory & Practical)	4+2=6
	(Choose any one) ANT-HE 5026	Anthropology of Religion, Politics & Economics (Theory & Practical)	4+2=6
	ANT-HE 5036	Visual Anthropology (-do-)	
	ANT-HE 5046	Anthropology of Health (-do-)	
	ANT-HE 5056	Tribal cultures of India (-do-)	
	ANT-HE 5066	Urban Anthropology (-do-)	
6		Honours Core Papers	
	ANT-HC 6016	Forensic Anthropology (Theory & Practical)	4+2=6
	ANT-HC 6026	Anthropology of India (Theory & Practical)	4+2=6
		Discipline Specific Elective Course	
	ANT-HE 6016	Dissertation	4+2=6
	(Choose any one) ANT-HE 6026	Human Genetics (Theory & Practical)	4+2=6
	ANT-HE 6036	Forensic Dermatoglyphics (-do-)	
	ANT-HE 6046	Demographic Anthropology (-do-)	
	ANT-HE 6056	Physiological Anthropology (-do-)	
	ANT-HE 6066	Sports and Nutritional Anthropology (-do-)	

The paper (Generic Elective) is only for the students of other disciplines than Anthropology.

	BOT-HG-3026 Generic Elective -4	Environmental Biotechnology GE-4	4
	Generic Elective – 4 Practical	GE-4 Practical	2
V	BOT-HC-5016	Reproductive Biology of Angiosperms	4
	BOT-HC-5016 (Practical)	Reproductive Biology of Angiosperm – Practical	2
	BOT-HC-5026	Plant Physiology	4
	BOT-HC-5026 (Practical)	Plant Physiology- Practical	2
	BOT-HE-5016	DSE-1 Natural Resource Management	4
	BOT-HE-5016 (Practical)	DSE-1 Practical Natural Resource Management – Practical	2
	BOT-HE-5026	DSE-2 Horticultural Practices and Post- Harvest Technology	4
	BOT-HE-5026 (Practical)	DSE-2 Practical Horticultural Practices and Post-Harvest Technology-Practical	2
VI	BOT-HC-6016	Plant Metabolism	4
	BOT-HC-6016 (Practical)	Plant Metabolism- Practical	2
	BOT-HC-6026	Plant Biotechnology	4
	BOT-HC-6026 (Practical)	Plant Biotechnology- Practical	2
	BOT-HE-6016	DSE-3 Industrial and Environmental Microbiology	4
	BOT-HE-6016 (Practical)	DSE-3 Industrial and Environmental Microbiology- Practical	2
	Discipline Centric Elective-4 (Theory & practical / Project Work)	Either 1 or 2 below	
	1.BOT-HE-6026	DSE-4 1.Analytical Techniques in Plant Sciences	4
	1.BOT-HE-6026 (Practical)	DSE-4 1.Analytical Techniques in Plant Sciences-Practical	2
	2.BOT-HE-6036	DSE-4 2. Project Work/ Dissertation	6
Total Credits in B. Sc. Botany Honours: 148			

List of Papers

B. Sc. Honours Botany Under CBCS

Core Papers

1	BOT-HC-1016	: Phycology and Microbiology
2	BOT-HC-1026	: Biomolecules and Cell Biology
3	BOT-HC-2016	: Mycology and Phytopathology
4	BOT-HC-2026	: Archegoniate
5	BOT-HC-3016	: Morphology and Anatomy of Angiosperm
6	BOT-HC-3026	: Economic Botany
7	BOT-HC-3036	: Genetics
8	BOT-HC-4016	: Molecular Biology
9	BOT-HC-4026	: Plant Ecology and Phytogeography
10	BOT-HC-4036	: Plant Systematics
11	BOT-HC-5016	: Reproductive Biology of Angiosperms
12	BOT-HC-5026	: Plant Physiology
13	BOT-HC-6016	: Plant Metabolism
14	BOT-HC-6026	: Plant Biotechnology

Discipline Specific Elective (DSE) Papers

1	BOT-HE-5016	: Natural Resource Management
2	BOT-HE-5026	: Horticultural Practices and Post-Harvest Technology
3	BOT-HE-6016	: Industrial and Environmental Microbiology
4	BOT-HE-6026	: Analytical Techniques in Plant Sciences
5	BOT-HE-6036	: Project work/Dissertation

Generic Elective (GE)

1	BOT-HG-1016	: Biodiversity (Microbes, Algae, Fungi and Archegoniate)
2	BOT-HG-2016	: Plant Ecology and Taxonomy
3	BOT-HG-3016	: Plant Physiology and Metabolism
4	BOT-HG-3026	: Environmental Biotechnology

Ability Enhancement Compulsory Course

1	ENG-AE-1014	: English/MIL communication
2	ENV-AE-2014	: Environmental Studies

Skill Enhancement Paper

1	BOT-SE-3014	: Biofertilizers (SEC-I)
2	BOT-SE-3024	: Herbal Technology (SEC-I)
3	BOT-SE-4014	: Nursery and Gardening (SEC-II)
4	BOT-SE-4024	: Floriculture (SEC-II)
5	BOT-SE-4034	: Intellectual Property Rights (SEC-I)

**SCHEME FOR CHOICE BASED CREDIT SYSTEM IN B. Sc.
Honours (Chemistry)**

SEM	COURSE OPTED	COURSE NAME	CREDITS
I	ENG-AE-1014	English Communications	4
	CHE-HC-1016	<u>Inorganic Chemistry-1</u> Inorganic Chemistry-1 Lab	4 + 2 = 6
	CHE-HC-1026	<u>Physical Chemistry-1</u> Physical Chemistry-1 Lab	4 + 2 = 6
	AAA-HG-1YY6*	<u>GE-1</u> Generic Elective-1 Practical	4 + 2 = 6
Total Credits in Semester I			22
II	Ability Enhancement Computer Course-II**	Environmental Studies	4
	CHE-HC-2016	<u>Organic Chemistry-I</u> Organic Chemistry -1 Lab	4 + 2 = 6
	CHE-HC-2026	<u>Physical Chemistry-II</u> Physical Chemistry-II Lab	4 + 2 = 6
	AAA-HG-2YY6*	<u>GE-2</u> Generic Elective-2 Practical	4 + 2 = 6
Total Credits in Semester II			22
III	CHE-HC-3016	<u>Inorganic Chemistry-II</u> Inorganic Chemistry-II Lab	4 + 2 = 6
	CHE-HC-3026	<u>Organic Chemistry-II</u> Organic Chemistry –II Lab	4 + 2 = 6
	CHE-HC-3036	<u>Physical Chemistry-III</u> Physical Chemistry-III Lab	4 + 2 = 6
	CHE-SE-3YY4†	SEC-1	4
	AAA-HG-3YY6*	<u>GE-3</u> Generic Elective-3 Practical	4 + 2 = 6
Total Credits in Semester III			28
IV	CHE-HC-4016	<u>Inorganic Chemistry-III</u> Inorganic Chemistry-III Lab	4 + 2 = 6
	CHE-HC-4026	<u>Organic Chemistry-III</u> Organic Chemistry –III Lab	4 + 2 = 6
	CHE-HC-4036	<u>Physical Chemistry-IV</u> Physical Chemistry-IV Lab	4 + 2 = 6
	CHE-SE-4YY4 †	SEC-2	4
	AAA-HG-4YY6*	<u>GE-4</u> Generic Elective-4 Practical	4 + 2 = 6
Total Credits in Semester IV			28
V	CHE-HC-5016	<u>Organic Chemistry-IV</u> Organic Chemistry –IV Lab	4 + 2 = 6
	CHE-HC-5026	<u>Physical Chemistry-V</u> Physical Chemistry-V Lab	4 + 2 = 6

	CHE-HE-5YY6†	DSE-1	4+ 2 =6
		DSE-1 Lab	
	CHE-HE-5YY6†	DSE-2	4+ 2 =6
		DSE-2 Lab	
Total Credits in Semester V			24
VI	CHE-HC-6016	Inorganic Chemistry-IV Inorganic Chemistry-IV Lab	4 + 2 =6
	CHE-HC-6026	Organic Chemistry-V Organic Chemistry –V Lab	4 + 2 =6
	CHE-HE-6YY6†	DSE-3	4 + 2 =6
		DSE-3 Lab	
	CHE-HE-6YY6†	DSE-4	4 + 2 =6
		DSE-3 Lab	
Total Credits in Semester VI			24
Grand Total Credits			148

‡ Discipline Specific Elective Papers: (Credit: 06 each) (4 papers to be selected)-

DSE for Semester V

DSE-1(Any One from the following)

- CHE-HE-5016: Applications of Computers in Chemistry (4) + Lab (2)
- CHE-HE-5026: Analytical Methods in Chemistry (4) + Lab (2)
- CHE-HE-5036: Molecular Modelling & Drug Design (4) + Lab (2)

DSE-2(Any One from the following)

- CHE-HE-5046: Novel Inorganic Solids (4) + Lab (2)
- CHE-HE-5056: Polymer Chemistry (4) + Lab (2)
- CHE-HE-5066: Instrumental Methods of Analysis (4) + Lab (2)

DSE for Semester VI

DSE-3(Any One from the following)

- CHE-HE-6016: Green Chemistry (4) + Lab (2)
- CHE-HE-6026: Industrial Chemicals & Environment (4) + Lab (2)
- CHE-HE-6036: Inorganic Materials of Industrial Importance (4) + Lab (2)

DSE-4(Any One from the following)

- CHE-HE-6046: Research Methodology for Chemistry (5) + Tutorials (1)
- CHE-HE-6056: Dissertation

† Skill Enhancement Courses (04 papers) (Credit: 04 each)

SEC for Semester III

Any One from the following

- AAA-SE-3014 : English (Syllabus to be included as and when available)
- CHE-SE-3024: IT Skills for Chemists
- CHE-SE-3034: Basic Analytical Chemistry
- CHE-SE-3044: Chemical Technology & Society
- CHE-SE-3054: Chemoinformatics
- CHE-SE-3064: Business Skills for Chemists
- CHE-SE-3074: Intellectual Property Rights

SEC for Semester IV

Any One from the following

- CHE-SE-4014: Analytical Clinical Biochemistry
- CHE-SE-4024: Green Methods in Chemistry
- CHE-SE-4034: Pharmaceutical Chemistry
- CHE-SE-4044: Chemistry of Cosmetics & Perfumes
- CHE-SE-4054: Pesticide Chemistry
- CHE-SE-4064: Fuel Chemistry

Course Structure& Code

Semester-I	Papers	Credit
	ECO-HC-1016	6
	ECO-HC-1026	6
	AE-1016(MIL/ENG)	4
	ECO-HG-1016	6
Semester-II	ECO-HC-2016	6
	ECO-HC-2026	6
	AE-2016(MIL/ENG/Env.Studies	4
	ECO-HG-2016	6
Semester-III	ECO-HC-3016	6
	ECO-HC-3026	6
	ECO-HC-3036	6
	SEC-I-3014	4
	ECO-HG-3016	6
Semester-IV	ECO-HC-4016	6
	ECO-HC-4026	6
	ECO-HC-4036	6
	SEC-II-4016	4
	ECO-HG-4016	6
Semester-V	ECO-HC-5016	6
	ECO-HC-5026	6
	ECO-DSE-5016 (Group-I)	6
	ECO-DSE-5026(Group-I)	6
Semester-VI	ECO-HC-6016	6
	ECO-HC-6026	6
	ECO-DSE-6016(Group-II)	6
	ECO-DSE-6026(Group-II)	6
	26	148

HC-Honours Core Course(14)DSE- Discipline Specific Paper(04) HG-Generic Elective(Paper(04),AE- Ability Enhancement Course(02), SEC-Skill Enhancement Course(02)

Course Structure for B.A(Honours)Economics

Semester- I	Semester- II
Economics Core Course1: Introductory Microeconomics	Economics Core Course 3: Introductory Macroeconomics
Economics Core Course2:Mathematical methods for Economics-I	Economics Core Course 4: Mathematical methods for Economics-II
Ability Enhancement Compulsory Course(AECC)-I: Eng/MIL	Ability Enhancement Compulsory Course(AECC)-II: Eng/MIL/Environmental Studies
GenericElective(GE)Course-I: Introductory Microeconomics	GenericElective(GE)Course-II: Introductory Microeconomics
Semester III	Semester IV
Economics Core Course 5:Intermediate MicroEconomics-I	Economics Core Course 8: Intermediate MicroEconomics-II
Economics Core Course 6:Intermediate Macroeconomics -I	Economics Core Course 9:Intermediate Macroeconomics -II
Economics Core Course 7:Statistical Methods for Economics	Economics Core Course 10:Introductory Microeconomics
Skill Enhancement Course(SEC)-I: Data Collection and Presentation	Skill Enhancement Course(SEC)-II:Data Analysis
GenericElective(GE)Course-III:Indian Economy -I	Generic Elective(GE)Course-IV: Indian Economy -II
Semester V	Semester VI
Economics Core Course 11:Indian Economy-I	Economics Core Course13: Indian Economy-II
Economics Core Course 12:Development Economics-I	Economics Core Course14 Development Economics-II
Discipline Specific Elective(DSE) Course –I(From the list of Group-I)	Discipline Specific Elective(DSE) Course -III (From the list of Group-II)
Discipline Specific Elective(DSE) Course –II(From the list of Group-I)	Discipline Specific Elective(DSE) Course-IV(From the list of Group-II)
Group-I (Discipline Specific Elective(DSE) Courses)	Group-II (Discipline Specific Elective(DSE) Courses
Economic History of India(1857-1947)	(i)Political Economy -II
Political Economy -I	(ii)Environmental Economics
(Public Economics	(iii)International Economics

Choice Based Credit System
B.A. (Honours): Education

Course Structure

Semester	Course Code		Title of the paper	Credits
1 st Semester	EDN-HC-1016		Principles of Education	5+1
	EDN-HC-1026		Psychological foundations of Education & Laboratory Practical	4+2
	EDN-HG-1016		Foundations of Education	5+1
2 nd Semester	EDN-HC-2016		Philosophical and Sociological Foundations of Education	5+1
	EDN-HC-2026		Development of Education in India-I	5+1
	Choose any one	EDN-HG-2016	Adolescent Psychology	5+1
		EDN-HG-2026	Child Psychology	5+1
3 rd Semester	EDN-HC-3016		Development of Education in India-II	5+1
	EDN-HC-3026		Educational Technology and teaching methods	5+1
	EDN-HC-3036		Educational Management	5+1
	Choose any one	EDN-SE-3014	Public Speaking Skill	2+2
		EDN-SE-3024	Lesson Planning	2+2
	Choose any one	EDN-HG-3016	Environmental Education	5+1
		EDN-HG-3026	Developmental Psychology	5+1
4 th Semester	Edn-HC-4016		Great Educational Thinkers	5+1
	Edn-HC-4026		Educational Statistics & Practical	4+2
	Edn-HC-4036		Emerging issues in Indian Education	5+1
	Choose any one	Edn-SE-4014	Writing Bio-Data and Facing an Interview	2+2
		Edn-SE-4024	Skill for Democratic citizenship	2+2
	Choose any one	Edn-HG-4016	History of Education in India	5+1
		Edn-HG-4026	Pedagogical skills	5+1
5 th Semester	Edn-HC-5016		Measurement and Evaluation in Education & Laboratory Practical	4+2
	Edn-HC-5026		Guidance and Counseling	5+1
	Choose any two	Edn-HE-5016	Continuing Education	5+1
		Edn-HE-5026	Comparative education	5+1
		Edn-HE-5036	Human Rights Education	5+1
		Edn-HE-5046	Teacher Education in India	5+1
6 th Semester	Edn-HC-6016		Education and Development	5+1
	Edn-HC-6026		Educational Research & Practical	4+2
	Choose any two	Edn-HE-6016	Mental Health and Hygiene	5+1
		Edn-HE-6026	Special Education	5+1
		Edn-HE-6036	Value and peace education	5+1
		Edn-HE-6046	Women and Society	5+1

Semester-wise Course and Credit details

Semester	Course Offered	Course Name	Distribution
1		Honours Core Papers	
	ESL-HC 1016	Indian Classical Literature	6
	ESL-HC 1026	European Classical Literature	6
		Generic (Interdisciplinary) Electives (Any One)	
	ESL-HG 1016	The Individual and Society	6
	ESL-HG 1026	Academic Writing and Composition	
2		Ability Enhancement Compulsory Course	
	ESL-AE 1014	English Communication	4
		Honours Core Papers	
	ESL-HC 2016	Indian Writing in English	6
	ESL-HC 2026	British poetry and Drama: 14 th to 17 th centuries	6
		Generic Electives	
3	ESL-HG 2016	Modern Indian Literature	6
	ESL-HG 2026	Contemporary India : Women and Empowerment	
		Ability Enhancement Compulsory	
	Env-AE 2014	Environmental Studies	4
		Honours Core Papers	
	ESL-HC 3016	History of English Literature and Forms	6
4	ESL-HC 3026	American Literature	6
	ESL-HC 3036	British Poetry and Drama: 17 th to 18 th Centuries	6
		Generic Electives	
	ESL-HG 3016	British literature	6
	ESL-HG 3026	Language and Linguistics	
		Skill Enhancement Course	
5	ESL-SE 3014	Creative Writing	4
		Honours Core Papers	
	ESL-HC 4016	Literary Criticism	6
	ESL-HC 4026	British Romantic Literature	6
	ESL-HC 4036	British Literature: The 19 th Century	6
		Generic (Interdisciplinary) Electives (Any One)	
6	ESL-HG 4016	Literary Cross Currents: Forms: Prose, Poetry, Fiction, Play	6
	ESL-HG 4026	Language literature and Culture	
		Skill Enhancement Course	
	ESL-SE 4014	Translation: Principles and Practices	4
		Honours Core Papers	
	ESL-HC 5016	British Literature: The 20 th Century	6
7	ESL-HC 5026	Women's Writing	6
		Discipline Specific Elective Course (Any Two)	
	ESL-HE 5016	Modern Indian Writing in English Translation	6
	ESL-HE 5026	Literature of the Indian Diaspora	6
	ESL-HE 5036	Nineteenth Century European Realism	6
	ESL-HE 5046	Literary Theory	6
8		Honours Core Papers	
	ESL-HC 6016	Modern European Drama	6
	ESL-HC 6026	Postcolonial Literature	6
		Discipline Specific Elective Course	
	ESL-HE 6016	World Literature	6
	ESL-HE 6026	Partition Literature	6
9	ESL-HE 6036	Travel Writing	6
	ESL-HE 6046	Writings from Northeast India	6

(#Generic Elective is only for the students of other disciplines who has not opted English as a core subject.)

B.A. GEOGRAPHY

NEW COURSES INTRODUCED IN 2020-21 UNDER CBCS CURRICULUM

1.	GEG-HG 2026	Disaster Management
2.	GEG-HG 2036	Geography of Tourism
3.	GEG-HC 2026	Thematic Cartography
4.	GEG-HG 2026	Spatial Information Technology
5.	GEG-HG 2036	Regional Development
6.	GEG-SE 3014	Remote Sensing
7.	GEG-SE 3024	Geographic Information System
8.	GEG-HG 3026	Climate Change: Vulnerability & Adaptation
9.	GEG-HG 3036	Rural Development
10.	GEG-HC 4026	Environmental Geography
11.	GEG-HC 4036	Remote Sensing & GIS
12.	GEG-HE 4024	Research Methods
13.	GEG-HG 4016	Environmental Geography
14.	GEG- HG 4026	Industrial Geography
15.	GEG- HG 4036	Sustainable Development
16.	GEG-HC 5016	Regional Planning and Development
17.	GEG-HC 5026	Field work and Research Methodology
18.	GEG-HE 5016	Population Geography
19.	GEG-HE 5026	Resource Geography
20.	GEG-HE 5036	Urban Geography
21.	GEG-HE 5046	Agricultural Geography
22.	GEG-HE 6016	Geography of Health & Well-being
23.	GEG-HE 6036	Hydrology & Oceanography
24.	GEG-HE 6046	Social Geography

Semester-wise Course and Credit details

Semester	Course Offered	Name of Course	Credits Details
I		Honours Core Papers	
	HIS-HC 1016	Historiography: Concepts & Methods	6
	HIS-HC 1026	History of India-I (From Earliest times to 6 th Century B.C.)	6
		Generic (Interdisciplinary) Electives (GE)#	
	HIS-HG 1016	History of India (From Earliest times to Eight century AD.)	6
		Ability Enhancement Compulsory Course-1 (AECC-1)	
	ENG-AE 1014	English Communication	4
II		Honours Core Papers	
	HIS-HC 2016	Socio-cultural & Economic History of India-I (Ancient Period)	6
	HIS-HC 2026	Socio-cultural & Economic History of India-II (Medieval Period)	6
		Generic (Interdisciplinary) Electives#	
	HIS-HG 2016	History of India (From 1206-1857 CE)	6
		Ability Enhancement Compulsory Course-2	
	ENV-AE 2014	Environmental Science	4
III		Honours Core Papers	
	HIS-HC 3016	History of India-II (From early foreign invasions to Harsha & His times)	6
	HIS-HC 3026	History of India-III (Early medieval Hindu & Muslims kingdoms)	6
	HIS-HC 3036	Socio-cultural & Economic History of India-III (Modern Period)	6
		Generic (Interdisciplinary) Electives#	
	HIS-HG 3016	History of Modern India (From 1857-1947 CE)	6
		Ability (Skill) Enhancement Course	
	HIS-SE 3014/ HIS-SE 3024	Historical Tourism in North-east India with special reference to Manipur / Historical Tourism in India	4
IV		Honours Core Papers	
	HIS-HC 4016	History of India-IV(Rise & fall of Mughal Empire)	6
	HIS-HC 4026	History of India-V ((Early British rule & its impact)	6
	HIS-HC 4036	History of India-VI (Growth of new India)	6
		Generic (Interdisciplinary) Electives#	
	HIS-HG 4016/ HIS-HG 4026	History of Manipur (From 33 to 1891 CE) / History of Manipur (From 1891 to 1972 CE)	6
		Ability (Skill) Enhancement Course	
	HIS-SE 4014/ HIS-SE 4024	Oral Culture and Oral History / Introduction to Historical Archaeology	4
V		Honours Core Papers	
	HIS-HC 5016	History of Modern Europe (1789-1945 CE)	6
	HIS-HC 5026	History of India-VII (National Movement before Second World War)	6
		Discipline Specific Elective Course	
	HIS-HE 5016	History of Manipur –I (From earliest times to 1467 CE)	6
	HIS-HE 5026/ HIS-HE 5036/ HIS-HE 5046	History of Manipur-II (From 1467 to 1826 CE) / History of America/USA (1776-1945) / History of Far East (1840-1950 CE)	6
VI		Honours Core Papers	
	HIS-HC 6016	History of India-VIII (Last Phase of National Movement & Independence)	6
	HIS-HC 6026	History of South-East Asia (1800-1945 CE)	6
		Discipline Specific Elective Course	
	HIS-HE 6016	History of Manipur –III (From 1826-1947 CE)	6
	HIS-HE 6026/ HIS-HE 6036/ HIS-HE 6046	History of Manipur-IV (From 1947-1972 CE) / Socio-cultural and Economic History of Manipur / History of North East India (From 1826 to 1947 CE)	6

(# The Generic Elective papers are only for the students of other disciplines other than History.)

SEMESTER - WISE COURSE AND CREDIT DETAILS

Semester	Course offered	Course Name	Distribution of Credits
1.		Core Course	
	MSL- HC - 1016	Poetry, Rhetoric and Prosody	- 5+1= 6
	MSL - HC - 1026	Novel and Short Story	- 5+1= 6
		Generic (Interdisciplinary) elective course (GE)	
	MSL - HG - 1016	Poetry, Essay and Grammar	- 5+1= 6
		Ability enhancement compulsory course (AECC)	
	MAN- AE - 1014	Drama, Poetry and Essay	- 3+1=4
2.		Core Course	
	MSL - HC - 2016	Introduction to Linguistics	- 5+1= 6
	MSL - HC - 2026	Indian Literature in Translation	- 5+1= 6
		Generic (Interdisciplinary) elective course (GE)	
	MSL - HG - 2016	Novel and Short Story	- 5+1= 6
		Ability enhancement compulsory course (AECC)	
	EVS- AE - 2014	ENV (Environmental Science)	- 4

3.		Core Course	
	MSL – HC - 3016	Poetry and Novel	- 5+1= 6
	MSL– HC - 3026	Trends of Medieval Manipuri Literature from the 18 th Century to the 19 th Century	- 5+1= 6
	MSL – HC - 3036	Indian Criticism	- 5+1= 6
		Generic (Interdisciplinary) elective course (GE)	
	MSL– HG - 2016	Rasa and Alankar	- 5+1= 6
	(Choose any one)	Skill enhancement course (SEC)	
4.	MSL – SE - 3014	Folklore Research and Field Method	- 1+3 = 4
	MSL – SE - 3024	Composition and Practice of Translation	- 2+2 = 4
		Core Course	
	MSL – HC - 4016	Manipuri Language and Literature	- 5+1= 6
	MSL – HC - 4026	Trends of Old Manipuri Literature from the Early period to 17 th Century	- 5+1= 6
	MSL – HC - 4036	Western Criticism	- 5+1= 6
	(Choose any one)	Generic (Interdisciplinary) elective course (HG)	
	MSL – HG - 4016	Drama	- 5+1= 6
	MSL – HG - 4026	Western Literature in Translation	- 5+1= 6

	(Choose any one)	Skill enhancement course (SEC)	
	MSL – SE - 4014	Field Method and Report Writing	- 1+3 = 4
	MSL – SE - 4024	Genres of Literature : Practice and Performance with special reference to Manipur Literature	- 2+2 =4
5.		Core Course	
	MSL – HC - 5016	Manipuri Culture : Indigenous Manipuri Games and Sport, Festivals	2+4 = 6
	MSL – HC - 5026	Folklore and Folkloristics	- 2+4 = 6
		Discipline specific elective course (DSE)	
	MSL – HE - 5016	Medieval Manipuri Literature	- 5+1 = 6
	(Choose any one) MSL – HE - 5026	Kavya, Play and Drama	- 5+1 = 6
	MSL – HE - 5036	Kavi Laishram Samarendr's Life and Works	- 5+1 = 6
6.		Core Course	
	MSL - HC-6016	Aspects of Manipuri Culture	- 5+1 = 6
	MSL – HC - 6026	Manipuri Folk literature	- 5+1 = 6
		Discipline specific elective course (DSE)	
	MSL – HE - 6016	Old Manipuri Literature	- 5+1 = 6
	(Choose any one) MSL – HE - 6026	Hijam Anganghal's Life and Works	- 5+1 = 6
	MSL – HE - 6036	Khwairakpam Chaoba's Life and Works	- 5+1 = 6

NOTE: This paper (Generic Elective) is only for the students of other disciplines than Manipuri.

Details of Semester wise Course structure & Credits for Choice Based Credit System in B.A./B.Sc. Mathematics (Honours)

Sem ester	Course	Course Code	Title	Credits	Remarks
I	Core	Mat-HC – 1016	Algebra I, and Complex Trigonometry	5+1 = 6	Compulsory
		Mat-HC – 1026	Calculus	5+1 = 6	Compulsory
	Generic Elective #	Mat-HG- 1016 Mat-HG-1026	Group theory, Matrices & Trigonometry Analytical Geometry (Two & Three Dimensions)	5+1 = 6	(Choose any one) #For the Students of other discipline.
	Ability Enhancement	Gen-AE – 1014 Gma-AE – 1014	General English General Manipuri (MIL)	3+1 = 4	(Choose any one) & Compulsory
			Sub Total : 4 papers	22 credits	
II	Core	Mat-HC-2016	Differential Equations	5+1 = 6	Compulsory
		Mat-HC-2026	Algebra II Abstract Algebra	5+1 = 6	Compulsory
	Generic Elective #	Mat-HG-2016 Mat-HG-2026	Calculus Discrete Mathematics	5+1 = 6	Choose any one) #For the Students of other discipline.
	Ability Enhancement	Env-AE-2014	Environmental Science	3+1 = 4	Compulsory
			Sub Total: 4 Papers	22Credits	
III	Core	Mat-HC-3016	Mechanics – I (Dynamics & Statics)	5+1 = 6	Compulsory
		Mat-HC-3026	Real Analysis - I	5+1 = 6	Compulsory
		Mat-HC-3036	Laplace Transform & Vector Analysis	5+1 = 6	Compulsory
	Generic Elective #	Mat-HG-3016 Mat-HG-3026	Ordinary Differential Equations, Partial Differential Equations & Vectors Elements of Probability	5+1 = 6	(Choose any one) #For the Students of other discipline.
	Skill Enhancement	Mat-SE-3014 Mat-SE-3024	Sets & Logic Computer Science & Programming I (in C or any software)	3+1= 4 2+2= 4	(Choose any one) & Compulsory
			Sub Total: 5 papers	28Credit	

IV	Core	Mat-HC-4016	Real Analysis-II	5+1 = 6	Compulsory
		Mat-HC-4026	Linear Algebra	5+1=6	Compulsory
		Mat-HC-4036	Computer Science & Programming II (in C or using any software)	4+2=6	Compulsory
	Generic Elective #	Mat-HG-4016 Mat-HG-4026	Mechanics – II Information Security	5+1= 6 4+2=6	(Choose any one) #For the Students of other discipline
	Skill Enhancement	Mat-SE-4014 Mat-SE-4024	Graph Theory Cryptography	3+1=4 2+2=4	(Choose any one) & Compulsory
V			Sub Total: 5 Papers	28Credits	
	Core	Mat-HC-5016	Partial Differential Equations & Calculus of variation	5+1= 6	Compulsory
		Mat-HC-5026	Analysis III Numerical Analysis	4+2=6	Compulsory
	Discipline Specific Elective	Mat-HE-5016 Mat-HE-5026	Geometry (Two & Three Dimensions) Fluid Mechanics	5+1= 6	(Choose any one) & Compulsory
		Mat-HE-5036 Mat-HE-5046 Mat-HE-5056	Rigid Dynamics & Tensor Higher Mechanics Linear Programming	6	(Choose any one) & Compulsory
			Sub Total: 4 Papers	24 Credits	
VI	Core	Mat-HC-6016	Metric Space	5+1= 6	Compulsory
		Mat-HC-6026	Complex Analysis	5+1= 6	Compulsory
	Discipline Specific Elective	Mat-HE-6016 Mat-HE-6026	Spherical Trigonometry & Astronomy Special theory of Relativity	5+1=6	(Choose any one) & Compulsory
		Mat-HE-6036 Mat-HE-6046	Probability Theory Computational Mathematics Laboratory	5+1=6 4+2= 6	(Choose any one) & Compulsory
		Mat-HE-6056	Mathematical Modelling	5+1=6	
			Sub Total: 4 Papers	24 Credits	
Total:				26 Papers	148 Credits

Semester –wise course and credit details

	Course	Course Code	Title	Credits	Remarks
1	Core	PHY-HC 1016	Mechanics-I (Theo+Pract)	4+2=6	Compulsory
		PHY-HC 1026	Mechanics-II (Theo+Pract)	4+2=6	
	Generic Elective #	PHY-HG 1016	Mechanics –I (Theo+Pract)	4+2=6	It can be choose from other disciplines other than Physics available in the college
	Ability Enhancement	ENG-AE 1014/ MAN-AE 1014	English Communication/ MAN	4	Compulsory
2	Core	PHY-HC 2016	Thermodynamics & Kinetic theory of gases (Theo+Pract)	4+2=6	Compulsory
		PHY-HC 2026	Optics & Quantum Optics (Theo+Pract)	4+2=6	
	Generic Elective #	PHY-HG 2016	Thermodynamics & Kinetic theory of gases (Theo+Pract)	4+2=6	It can be choose from other disciplines other than Physics available in the college
	Ability Enhancement	ENV-AE 2014	Environmental Science	4	Compulsory
3	Core	PHY-HC 3016	Mathematical Physics (Theo+Pract)	4+2=6	Compulsory
		PHY-HC 3026	Electricity (Theo+Pract)	4+2=6	
		PHY-HC 3036	Magnetism and Maxwell equation (Theo+Pract)	4+2=6	
	Generic Elective #	PHY-HG 3026	Electricity (Theo+Pract)	4+2=6	It can be choose from other disciplines other than Physics available in the college
	Skill Enhancement	PHY-SE 3014	Renewable Energy	4	Compulsory (Choose any one)
		PHY-SE 3024	Basic instrumentation skills	4	
4	Core	PHY-HC 4016	Introduction to Atomic Physics (Theo+Pract)	4+2=6	Compulsory
		PHY-HC 4026	Elements of Nuclear Physics (Theo+Pract)	4+2=6	
		PHY-HC 4036	Radiation Physics (Theo+Pract)	4+2=6	

	Generic Elective #	(Choose any one) PHY-HG 4016 PHY-HG 4026	Introduction to Atomic Physics Elements of Nuclear Physics	4+2=6	It can be choose from other disciplines other than Physics available in the college
	Skill Enhancement	PHY-SE 4014 PHY-SE 4024	Basic application of luminescence and dating Radiation Safety	4	Compulsory (Choose any one)
5	Core	PHY-HC 5016	Elements of Electronics (Theo+Pract)	4+2=6	Compulsory
		PHY-HC 5026	Advanced Mathematical Physics (Theo+Pract)	4+2=6	
	Discipline Specific Elective	PHY-HE 5016	Digital systems and application (Theo+Pract)	4+2=6	Compulsory (Choose any one)
		PHY-HE 5026	(Theory + Practical) Radiation sources and Hazards	4+2=6	
		PHY-HE 5036	Basic idea of Astrophysics		
		PHY-HE 5046 PHY-HE 5056	Atmospheric Physics Physics of Earth		
6	Core	PHY-HC 6016	Classical Mechanics (Theo+Pract)	4+2=6	Compulsory
		PHY-HC 6026	Quantum Mechanics (Theo+Pract)	4+2=6	
	Discipline Specific Elective	PHY-HE 6016	Solid State Physics (Theo+Pract)	4+2=6	Compulsory (Choose any one)
		PHY-HE 6026	(Theory + Practical) Statistical Mechanics	4+2=6	
		PHY-HE 6036	Physics of low dimension		
		PHY-HE 6046 PHY-HE 6056	Experimental Techniques Electromagnetic theory		

This paper (Generic Elective) is only for the students of other disciplines other than Physics

Scheme for Choice Based Credit System (CBCS) in B.A (Honours) Political Science

Course Type	Core Course	Ability Enhancement Compulsory Course	Skill Enhancement Course	Elective: Discipline Specific	Elective: Generic
Course Code	Core	AECC	SEC	DSE	GE
Credits	14X6=84	2X4=8	2X4=8	4X6=24	4X6=24
Semester I	PSC HC 1016 Understanding Political Theory	ENG-AE-1014/ MAN-AE 1014 Communicative English (GEN)/ MIL (MAN)			PSC HG 1016 Introduction to Political Theory Or PSC HG 1026 Politics of North-east India Or PSC HG 1036 Governance: Issues and Challenges
	PSC HC 1026 Constitutional Government and Democracy in India				
Semester II	PSC HC 2016 Political Theory- Concepts and Debates	EVS-AE-2014 Environmental Studies			PSC HG 2016 Indian Government and Politics Or PSC HG 2026 Feminism: Theory and Practice Or PSC HG 2036 Local Governance (Rural and Urban)
	PSC HC 2026 Political Process in India				
Semester III	PSC HC 3016 Introduction to Comparative Government and Politics		PSC SE 3014 Parliamentary Procedures and Practices Or PSC SE 3024 Youth and Nation-Building		PSC HG 3016 Comparative Government and Politics
	PSC HC 3026 Perspectives on Public Administration				

	PSC HC 3036 Perspectives on International Relations and World History				Or PSC HG 3026 Gandhi and the Contemporary World Or PSC HG 3036 United Nations and Global Conflicts
Semester IV	POL HC 4016 Political Processes and Institutions in a Comparative Perspective POL HC 4026 Public Policy and Administration in India POL HC 4036 Global Politics		POL SE 4014 Panchayati Raj in Practice Or POL SE 4024 Citizens and Rights		POL HG 4016 Introduction To International Relations Or POL HG 4026 Understanding Ambedkar Or POL HG 4036 Politics of Globalization
Semester V	POL HC 5016 Classical Political Philosophy POL HC 5026 Indian Political Thought-I			(ANY TWO) POL HE 5016 Human Rights Or POL HE 5026 Public Policy in India Or POL HE 5036 Understanding Global Politics	

				Or POL HE 5046 Select Constitutions	
Semester VI	POL HC 6016 Modern Political Philosophy			<u>(ANY TWO)</u> POL HE 6016 India's Foreign Policy in a Globalizing World Or POL HE 6026 Understanding South Asia Or POL HE 6036 Women, Power and Politics Or POL HE 6046 Social Movements in North east India	
	POL HC 6026 Indian Political Thought-II				

Semester wise Course and Credit details

Sem.↓	Course	Course code	Title	Credits	Remarks
1	Core	ZOO-HC 1016	Non-chordates 1: Protista to Pseudocoelomates (Theo+Pract)	4+2=6	Compulsory
		ZOO-HC 1026	Principles of Ecology (Theo+Pract)	4+2=6	
	Generic Elective	ZOO-HG 1016	Animal Diversity (Theo+Pract)	4+2=6	It can choose from other disciplines other than Zoology available in the college
	Ability Enhancement	GEN -AE- 1014/ MAN-AE 1014	General English/Manipuri (MIL)	3+1	Compulsory
2	Core	ZOO-HC 2016	Non-chordates II: Coelomates (Theo+Pract)	4+2=6	Compulsory
		ZOO-HC 2026	Cell Biology (Theo+Pract)	4+2=6	
	Generic Elective	ZOO-HG 2016	Animal cell Biotechnology	4+2=6	It can choose from other disciplines other than Zoology available in the college
	Ability Enhancement	EVS-AE 2014	Environmental Science	3+1	Compulsory
3	Core	ZOO-HC 3016	Diversity of Chordates (Theo+Pract)	4+2=6	Compulsory
		ZOO-HC 3026	Physiology: Controlling and Coordinating Systems (Theo+Pract)	4+2=6	
		ZOO-HC 3036	Fundamentals of Biochemistry (Theo+Pract)	4+2=6	
	Generic Elective	ZOO-HG 3016/	Aquatic Biology	4+2=6	It can choose from other disciplines other than Zoology available in the college
		ZOO-HG 3026	Human Physiology	4+2=6	
	Skill Enhancement	ZOO-SE 3014/	Apiculture	4	Compulsory (choose any one)
		ZOO-SE 3024	Sericulture	4	
4	Core	ZOO-HC 4016	Comparative Anatomy of Vertebrates (Theo+Pract)	4+2=6	Compulsory
		ZOO-HC 4026	Physiology: Life Sustaining systems (Theo+Pract)	4+2=6	
		ZOO-HC 4036	Biochemistry of Metabolic processes (Theo+Pract)	4+2=6	

	Generic Elective	ZOO-HG 4016/	Environment and Public Health	4+2=6	It can choose from other disciplines other than Zoology available in the college
		ZOO-HG 4026	Food, Nutrition and Health	4+2=6	
	Skill Enhancement	ZOO-SE 4014/	Aquarium Fish keeping	3+1	Compulsory (choose any one)
		ZOO-SE 4024	Medical Diagnostics	3+1	
5	Core	ZOO-HC 5016	Molecular Biology (Theo+Pract)	4+2=6	Compulsory
		ZOO-HC 5026	Principles of Genetics (Theo+Pract)	4+2=6	
	Discipline Specific Elective	ZOO-HE 5016	Animal Behaviour and Chronology (Theo+Pract)	4+2=6	Compulsory (Choose any one)
		ZOO-HE 5026/	Animal Biotechnology (Theo+Pract)	4+2=6	
		ZOO-HE 5036/	Biology of Insecta (Theo+Pract)	4+2=6	
		ZOO-HE 5046/	Endocrinology (Theo+Pract)	4+2=6	
		ZOO-HE 5056	Fish & Fisheries (Theo+Pract)	4+2=6	
6	Core	ZOO-HC 6016	Developmental Biology (Theo+Pract)	4+2=6	Compulsory
		ZOO-HC 6026	Evolutionary Biology (Theo+Pract)	4+2=6	
	Discipline Specific Elective	ZOO-HE 6016	Immunology (Theo+Pract)	4+2=6	Compulsory (Choose any one)
		ZOO-HE 6026/	Parasitology (Theo+Pract)	4+2=6	
		ZOO-HE 6036/	Reproductive Biology (Theo+Pract)	4+2=6	
		ZOO-HE 6046/	Wild Life Conservation & Management (Theo+Pract)	4+2=6	
		ZOO-HE 6056	Computational Biology (Theo+Pract)	4+2=6	